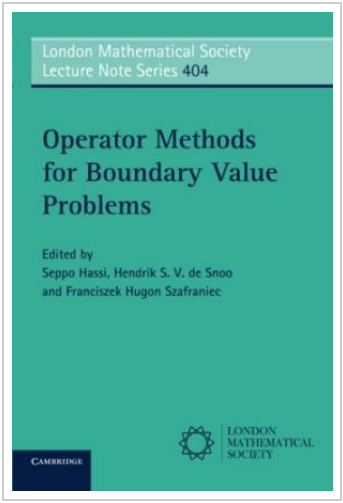

Operator Methods for Boundary Value Problems

By Seppo Hassi, Hendrik S. V. de Snoo, Franciszek Hugon Szafraniec

Cambridge University Press. Paperback. Book Condition: new. BRAND NEW, Operator Methods for Boundary Value Problems, Seppo Hassi, Hendrik S. V. de Snoo, Franciszek Hugon Szafraniec, Presented in this volume are a number of new results concerning the extension theory and spectral theory of unbounded operators using the recent notions of boundary triplets and boundary relations. This approach relies on linear single-valued and multi-valued maps, isometric in a Krein space sense, and offers a basic framework for recent developments in system theory. Central to the theory are analytic tools such as Weyl functions, including Titchmarsh-Weyl m-functions and Dirichlet-to-Neumann maps. A wide range of topics is considered in this context from the abstract to the applied, including boundary value problems for ordinary and partial differential equations; infinite-dimensional perturbations; local point-interactions; boundary and passive control state/signal systems; extension theory of accretive, sectorial and symmetric operators; and Calkin's abstract boundary conditions. This accessible treatment of recent developments, written by leading researchers, will appeal to a broad range of researchers, students and professionals.

Reviews

Totally among the best publication I have ever go through. This really is for all those who statte that there had not been a well worth studying. I am just very happy to let you know that this is actually the very best pdf we have go through inside my very own daily life and could be he very best ebook for actually.

-- ***Miss Audra Moen***

It is not difficult in read through easier to comprehend. It is packed with knowledge and wisdom You may like just how the article writer write this pdf.

-- ***Kristy Hermann***